016295.1509 (DC-05592)

5

10

25

## METHOD OF REDUCING NOISE INDUCED FROM REFERENCE PLANE CURRENTS

## ABSTRACT OF THE DISCLOSURE

A method of reducing noise induced from reference plane currents is disclosed. The method includes routing a first path for an electrical trace on a circuit board such that the first path references a voltage plane. The method further includes routing a second path for the electrical trace on the circuit board such that the second path references a ground plane whereby the second path is substantially similar to the first path. The method further includes electrically coupling the first path to the second path at each of the ends of the first and second paths such that noise induced into the electrical trace is reduced.